

# Converting Colors

Android(4289383946)

Have a look what the booklet for  
Android(4289383946) contains.

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# **Color**

**Android(4289383946)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | AACE0A                      |
| RGB         | 170, 206, 10                |
| RGB Percent | 67%, 81%, 4%                |
| CMY         | 0.3333, 0.1922, 0.9608      |
| CMYK        | 0.17, 0.00, 0.95, 0.19      |
| HSL         | 71°, 91%, 42%               |
| HSV         | 71°, 95%, 81%               |
| XYZ         | 38.7037, 52.7106, 8.4214    |
| YIQ         | 172.8920, 41.4600, -68.5880 |

# Conversions

## Conversions Part 2

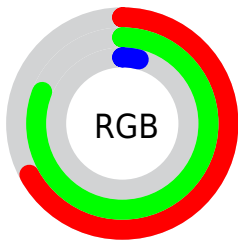
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 10, 206, 46                    |
| Decimal                             | 11193866                       |
| CIELab                              | 77.70, -33.29, 76.35           |
| CIELCh                              | 78, 83.289, 113.562            |
| Yxy                                 | 52.7106, 0.3877,<br>0.5280     |
| Android<br>(android.graphics.Color) | 4289383946<br>(0xFFAACE0A)     |
| YUV                                 | 172.8920, -80.3058,<br>-2.5363 |
| Hunter-Lab                          | 72.6020, -31.8965,<br>43.9441  |

# Details

The Android color **4289383946** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4281207502**, and the grayscale version is **4289638062**.

A 20% lighter version of the original color is **4293263191**, and **4285634560** is the 20% darker color. If you saturate the color by 10%, you get **4289252864**, and if you desaturate by 10%, it is **4289646111**.

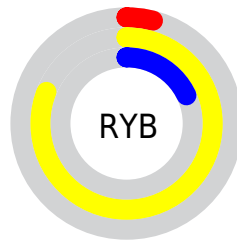
# Distribution



Red (67%)

Green (81%)

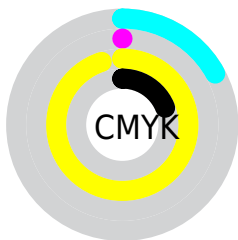
Blue (4%)



Red (4%)

Yellow (81%)

Blue (18%)

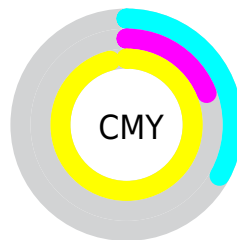


Cyan (17%)

Magenta (0%)

Yellow (95%)

Black (19%)



Cyan (33%)

Magenta (19%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289383946 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4289383946 by changing the saturation by 10% instead.





4289383946



4289383946

4294967295



4287476224



4293263191



4285634560



4294967156



4283727360



4294967185



4281885952



4294967214



4279847936



4294967243



4278203648



4294967273



4278198784



4278190080



4289383946



4289383946

■ 4289252864

■ 4289646111

■ 4289908275

■ 4290104904

■ 4290367068

■ 4290629233

■ 4290891398

■ 4291088026

■ 4291350191

■ 4291612355

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294162176



4289383946



4281785438

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4289383946



4278247167



4294931156

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4289383946



4281207502

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294938367



4289383946



4278243071

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4289383946



4278248444



4288525311



4294932359

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4289383946



4278247825



4288525311



4294932974

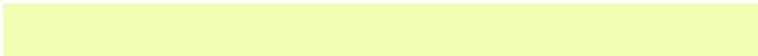


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4289383946



4294049717



4291702282



4286021715



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4289383946



4291886848



4282961418



4284769884



4287079936



4280231424



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4281207502



4281270527



4287630030



4284374118



4280156326



4278648870



# Previews

## White Background



This preview shows how the Android color 4289383946 looks on a white background.

## Color Contrast Check

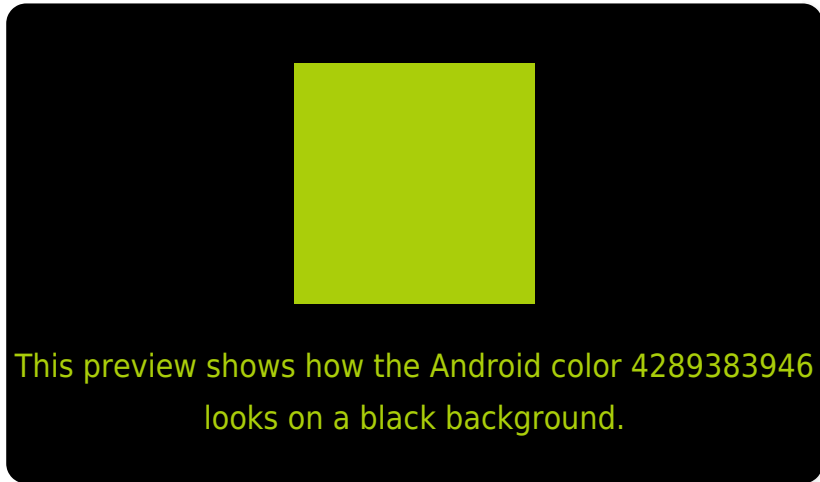
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4289383946 Background



This preview shows how black text looks on a background with the Android color 4289383946.



This preview shows how white text looks on a background with the Android color 4289383946.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

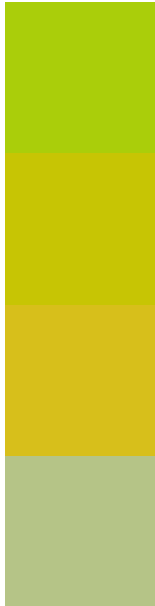
## Dichromacy





**Tritanopia**  
4290494415

# Trichromacy



**Original Color**  
4289383946

**Protanomaly**  
4291282180

**Deuteranomaly**  
4292329243

**Tritanomaly**  
4290102407

# Monochromacy



**Original Color**  
4289383946

**Achromatopsia**  
4289572269

**Achromatomaly**  
4289509746

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289383946 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 206, 10)` looks like.

```
.text, #text, p{  
    color:rgb(170, 206, 10)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 206, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 206, 10) }
```

## Border

The CSS property to change the border of an element to Android 4289383946 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 206, 10) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 206, 10) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 206, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 206, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 206, 10);  
box-shadow:4px 4px 4px 4px rgb(170, 206,  
10) }
```

# Background

The CSS property to change the background color of an element to Android 4289383946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 206, 10) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
206, 10) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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